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| Type of stakeholder | Stage | Approach |
| 1. Farmers | 1. Farmers’ sensitization and selection | 1. Farmers ‘selection and awareness building for the project 2. Inventory of existing groups (SWOT and relevance to project objectives) in consultation with R4D platform 3. Form farmers’ groups if necessary and link with R4D platform 4. Strengthen the structure and governance of the groups 5. Develop sampling protocol for farmers’ selection |
| 1. Diagnosis of constraints and opportunities | 1. Capacity assessment 2. Participatory rural appraisal (Focus group discussion ) 3. Household survey 4. Individual interview 5. Literature review 6. Rapid market assessment 7. Value chain analysis |
| 1. Identifying and prioritizing research problems (entry points) | 1. Focus group discussion 2. Farmers’ feedback sessions (community level) 3. Participatory modeling – scenario analysis to identify entry points 4. Present results from diagnostic studies to R4D platform |
| 1. Implementation (trials, institutional arrangement, collective action etc) | 1. Develop and share research protocols with R4D platform 2. Develop capacity in identified area of needs 3. Participatory action research (joint design and implementation of on-farm farmers’ managed trials) 4. Farmer field assessment (e.g. mother-baby) 5. Farmer Field School 6. Technology park |
| 1. Feedback to farmers | 1. Community and R4D platform validation of results 2. Participatory cost benefit analysis 3. Farmers’ field day 4. Exchange visit and outreach programme 5. Communication outputs e.g. leaflets, brochures etc |
| 2. National agricultural extension service | 1. Sensitization of extension service | 1. Share briefs about the project 2. Inception workshop |
| 1. Partnership building and linkages | 1. Develop capacity in partnership linkages and farmers’ mobilization 2. Participate and facilitate R4D platform |
| 1. Implementation of research and feedback to farmers | 1. Assess capacity needs 2. Design training to develop capacity, particularly in data collection and analysis, documentation, gender analysis, nutrition etc 3. Review and planning meeting 4. Provide regular progress report to R4D platform 5. Writing and sharing reports 6. Participatory monitoring and evaluation |
| 3. NARS (research institutes and universities) | 1. Farmers’ sensitization and selection | 1. Develop selection criteria 2. Participate in inception workshop 3. Share project documents |
| 1. Diagnosis | 1. Assess capacity needs and develop relevant training packages and tools (e.g. gender analysis, data collection and analysis etc) 2. Development and implementation of research protocols 3. Conduct data analysis and report writing |
| 1. Identifying and prioritizing research problems (entry points) | 1. Training in tools to identify and prioritize research interventions |
| 1. Implementation (trials, institutional arrangement, collective action etc) | 1. Participate in R4D platform 2. Assess capacity needs and develop relevant training packages and tools (e.g. gender analysis, data collection and analysis etc) 3. Development and implementation of research protocols 4. Conduct data analysis and report writing 5. Facilitate better access to inputs e.g. improved seed, fertilizer, market etc. through R4D platform 6. Provide information to farmers on good agricultural practices |
| 1. Feedback to farmers, development agencies, R4D platform, policy makers etc | 1. Preparation and dissemination of research and policy briefs 2. Annual review and planning workshops 3. Country conferences on relevant project thematic |
| 4. Development agencies (NGOs) and other complementary projects | 1 Project inception | 1. Mapping of development practitioners (who and what) 2. Share project materials 3. Participate in inception workshop |
| 2. Identification and prioritization of research interventions | 1. Training in tools to identify and prioritize research interventions |
| 3. Research implementations (trials, institutional arrangement, collective action, value chains development, nutrition and gender etc) | 1. Participate and facilitate in R4D platform 2. Assess capacity needs 3. Design training to develop capacity, particularly in data collection, analysis and documentation, gender analysis 4. Participate in project review and planning meeting 5. Participatory monitoring and evaluation |
| 4. Scaling out of innovations | 1. Leverage on their partnerships and linkages to scale out innovations 2. Packaging of the innovations for different targets 3. Farmers’ mobilization and organization |
| 5 Private sector | 1. Supporting research interventions (e.g. inputs and services, machinery, credit, market etc) | 1. Develop gender-responsive business and delivery models to support innovations 2. Engagement in R4D/IP for better access to inputs (seed, fertilizer etc), information and other linkages |
| 1. Commercialization of innovations | 1. Packaging of the innovations for different targets 2. Develop business and delivery of inclusive models to support commercialization |
| 6 Policy makers including central and local governments | 1. Project inception | 1. Participate in project review and planning meetings |
| 1. Dissemination of project outputs and outcomes | 1. Share policy briefs on project outputs 2. Engage in policy dialogue and advocacy on emerging outputs from the project 3. Engagement in R4D platform |
| 1. Scaling out and commercialization of innovations | 1. Lobbying for policy support to promote implementation, adoption and commercialization |
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| 7 Potential donors | 1. Project inception | 1. Share project materials 2. Participate in inception workshop |
|  | 1. Feedback to donors | 1. Share project results 2. Annual review and planning workshops |
|  | 3 Support to scaling out and commercialization of innovation | 1. Lobbying for financial support to promote implementation, adoption and commercialization |
| 8 Peers | 1. Diagnosis | 1. Sharing of tools and research protocols 2. Joint planning and implementation sessions where necessary |
|  | 1. Identifying and prioritizing research problems (entry points) | 1. Share and review protocols 2. Build capacity of peers |
|  | 1. Implementation (trials, institutional arrangement, collective action etc) | 1. Harmonized time plan for implementation of activities 2. Common procedures for the project team for implementation of activities |
|  | 1. Sharing of data and results | 1. Compliance with data sharing policies 2. Transparency in publication of research results by inviting those who have contributed to the research |
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